

PROJECT DESCRIPTION

THIS PROJECT INVOLVES A MODIFICATION TO THE EXISTING TRAFFIC CONTROL SIGNAL AT MD 924 AND BOX HILL SOUTH PKWY. IN HARFORD COUNTY. THE MODIFICATION WILL INCLUDE AN ADDITION OF A THIRD LANE ON BOX HILL SOUTH PKWY. MD 924 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION CURRENTLY OPERATES IN A NEMA FOUR-PHASE, FULLY-TRAFFIC-ACTUATED MODE AND SHALL REMAIN AS IS.

CONSTRUCTION NOTES

- * THE PROJECT WILL RESULT IN THE ADDITION OF A THIRD LANE FOR THE BOX HILL SOUTH PKWY. APPROACH. THE NEW LANE WILL BE NON-OPERATIONAL AND SHALL BE CLOSED TO TRAFFIC.
- * TEMPORARY PAVEMENT MARKINGS SHALL BE INSTALLED (DIAGONAL HATCHING) IN THE NEWLY CONSTRUCTED LANE.
- * THE CONTRACTOR SHALL COORDINATE HIS WORK TO MINIMIZE ANY DOWN TIME TO SIGNAL HEAD OUTAGE DURING CONSTRUCTION ACTIVITIES.

CONTACT PERSONS FOR DISTRICT 4 ARE AS FOLLOWS:

MRS. ERIN KUHN
ASSISTANT DISTRICT ENGINEER - TRAFFIC
(410) 321-2781

MR. STEVE MARCISZEWSKI
ASSISTANT DISTRICT ENGINEER - MAINTENANCE
(410) 321-2761

MR. MICHAEL PASQUARIELLO
ASSISTANT DISTRICT ENGINEER - UTILITIES
(410) 321-2841

CONTACTS FOR OFFICE OF TRAFFIC AND SAFETY

MR. RICHARD DAFF, SR.
CHIEF, TRAFFIC OPERATIONS
(410) 787-7630

MR. EUGENE BAILEY
TEAM LEADER SIGN OPERATIONS
(410) 787-7676

MR. ROBERT SNYDER
ASSISTANT DIVISION CHIEF,
TRAFFIC OPERATIONS
(410) 787-7631

MS. DARLENE EIDE
SUPPLY OFFICE
SIGNAL SHOP WAREHOUSE
(410) 787-7668

MR. ED RODENHIZER
TEAM LEADER SIGNAL OPERATIONS
(410) 787-7652

EQUIPMENT LIST "A"

A. EQUIPMENT TO BE FURNISHED BY THE SHA AND INSTALLED BY THE CONTRACTOR

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

EQUIPMENT LIST "B"

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR. ALL EQUIPMENT SHALL HAVE CATALOG CUTS SUBMITTED TO THE OFFICE OF TRAFFIC AND SAFETY FOR APPROVAL PRIOR TO INSTALLATION.

QUANTITY	DESCRIPTION
LS	MAINTENANCE OF TRAFFIC
35 LF	24 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
100 LF	5 IN. WHITE HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
80 LF	3 IN. SCHEDULE 80 RIGID PVC ELECTRICAL CONDUIT - BORED
LS	REMOVE AND DISPOSE OF MATERIAL AND EQUIPMENT
110 LF	10 IN. YELLOW HEAT APPLIED THERMOPLASTIC PAVEMENT MARKING
30 LF	1 IN. GALVANIZED STEEL ELECTRICAL CONDUIT - SLEEVE FOR DETECTION WIRE
30 LF	4 IN. X 4 IN. WOOD POST
2 EA	RELOCATE EXISTING SIGN
130 LF	SAWCUT FOR SIGNAL - (LOOP DETECTOR)
440 LF	1-CONDUCTOR LOOP DETECTOR WIRE (NO. 14 AWG)
25 LF	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG) ALUMINUM SHIELDED
LS	DISCONNECT ELECTRICAL CABLES AND RELOCATE CABLES (5 PAIRS)

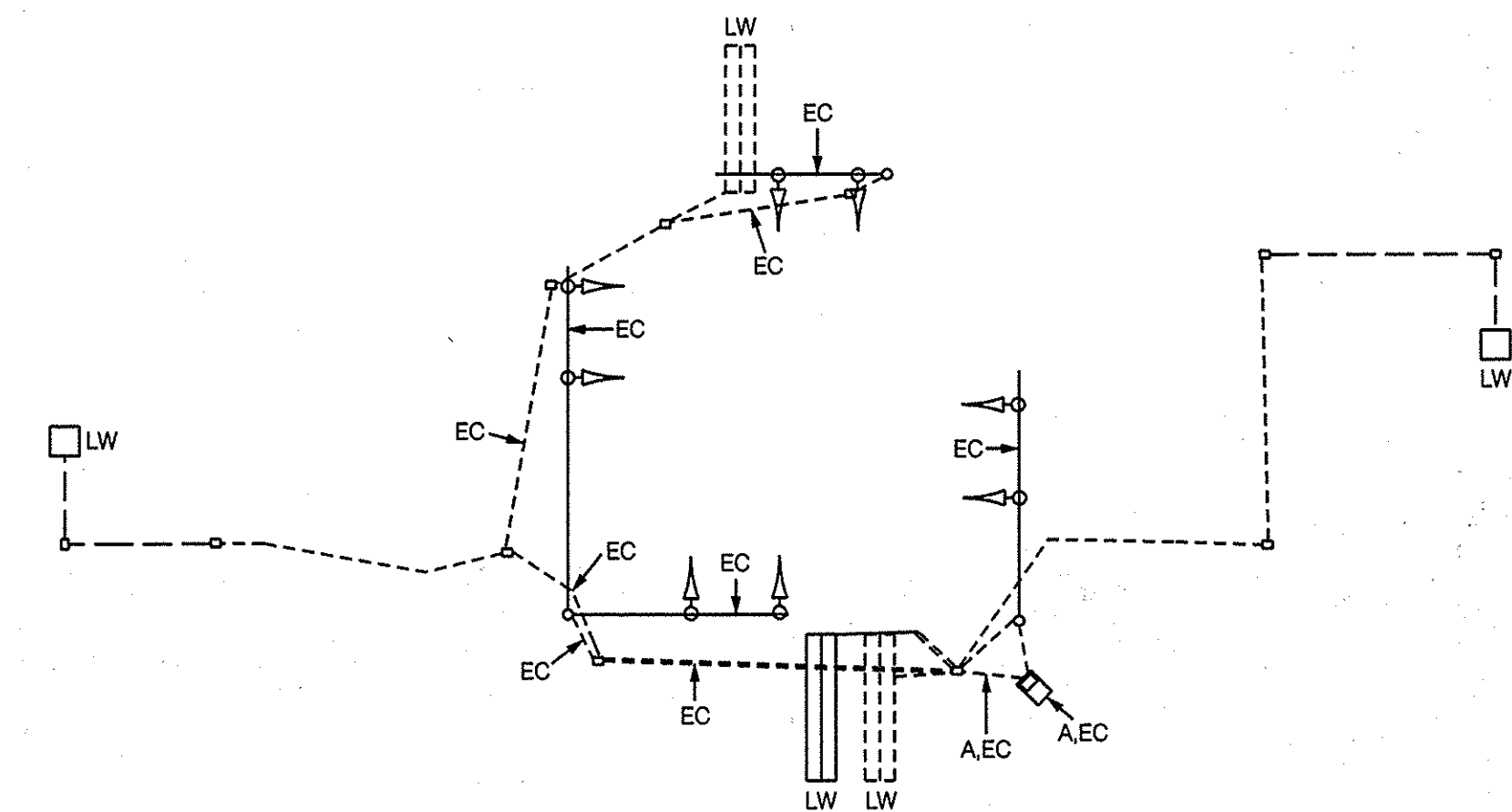
EQUIPMENT LIST "C"

C. EXISTING EQUIPMENT TO BE REMOVED BY THE CONTRACTOR AND DELIVERED TO THE STATE HIGHWAY ADMINISTRATION, 7491 CONNELLEY DRIVE, HANOVER, MARYLAND 21076. THE CONTRACTOR SHALL NOTIFY THE SHA AT (410) 787-7652 AT LEAST THREE DAYS IN ADVANCE OF DELIVERY.

ITEM NO.	QUANTITY	DESCRIPTION
NONE		

ALL SIGNAL EQUIPMENT TO BE REMOVED AND NOT RETURNED TO THE SHA SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

WIRING DIAGRAM



WIRING KEY

A	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.) ALUMINUM SHIELDED
LW	1-CONDUCTOR LOOP DETECTOR WIRE (NO. 14 A.W.G.)
EC	EXISTING SIGNAL HEAD CABLES TO REMAIN

PHASING CHART

NO CHANGE



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN
MD 924 (EMMORTON RD.) AND
BOX HILL SOUTH PKWY./PORTER DR.

TRAFFIC CONCEPTS, INC.

325 Gambrills Road
Suite E
Gambrills, MD 21054
(410) 923-7101
FAX: (410) 923-6473
EMAIL: TRAFFIC@TRAFFIC-CONCEPTS.COM

SCALE	NONE	DATE	4-30-08	CONTRACT NO.	BW99GM82
DESIGNED BY	J.K. SCHMID	COUNTY	HARFORD		
DRAWN BY	J.K. SCHMID	LOGMILE	12092400.45		
CHECKED BY	S. RENZI	T.I.M.S. NO.	J-086		
F.A.P. NO.	NA	TOD NO.			
DRAWING NO.	TS-3789 GI	SHEET NO.	2	OF	2

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